Subject: How to pass vector/array of structs to witz?
Posted by Zbych on Fri, 19 Jul 2013 08:39:01 GMT

I have a data set like this:

struct DataSet{
 int data1;
 double data2;
 String data3;
};

Array<DataSet> set;

and I would like to pass it to witz script and be able to access it in the same way I can access data from sql querry (using row number and column name). Can you tell me how to do it?

Subject: Re: How to pass vector/array of structs to witz?
Posted by dolik.rce on Fri, 19 Jul 2013 13:58:18 GMT

Hi Zbych,

If I'm not mistaken, the closest you can get is to use ValueArray instead of Array and ValueMap instead of DataSet. ValueArray/Map are not really ergonomic to handle, so the best approach is probably to convert your data before passing them to witz.

Something likestruct DataSet{
 int data1;
 double data2;
 String data3;
};

Array<DataSet> set;

ValueArray v;
for (int i=0; i<set.GetCount(); ++i) {
   ValueMap vm;
   vm["data1"]=set[i].data1;
   vm["data2"]=set[i].data2;
   vm["data3"]=set[i].data3;
   v.Add(vm);

}

http("set", v);

Note: I'd not try to compile or run the code

It is quite verbose, so some helper functions might be a good idea...

Best regards,
Honza

Subject: Re: How to pass vector/array of structs to witz?
Posted by Zbych on Mon, 22 Jul 2013 10:55:28 GMT
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Thank you. ValueArray + ValueMap did the trick.